

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	(diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (multiple or plurality) near3 (frequenc\$3 or channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1 or multi\$2band\$1 or multi\$2channel\$1 or multi\$2tone\$1 or multi\$2carrier\$1) near3 (adjacent or non\$overlap\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 14:31
L2	2	("20040125882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:13
L3	29	(diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (multiple or plurality) near5 (frequenc\$3 or channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1 or multi\$2band\$1 or multi\$2channel\$1 or multi\$2tone\$1 or multi\$2carrier\$1) near3 (adjacent or non\$overlap\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 14:31

## EAST Search History

L4	97	(diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (multiple or plurality) with (frequenc\$3 or channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1 or multi\$2band\$1 or multi\$2channel\$1 or multi\$2tone\$1 or multi\$2carrier\$1) near3 (adjacent or non\$overlap\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 14:32
L5	7696	(375/260,267,295,299,316,347). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:15
L6	1	4 AND 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:15
L7	19	5 and (uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:22
S3	3	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) near3 (multi\$2carrier\$1 or multi\$2channel\$1 or multi\$2band\$1) and (h\$2arq or arq or (automatic near2 retransmission near2 request\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 15:47

## EAST Search History

S5	9	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) near3 (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1) near2 (multi or multiple\$1 or plurality) and (h\$2arq or arq or (automatic near2 retransmission near2 request\$3) or (automatic near2 repeat near2 request\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 15:56
S6	12	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) near5 (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1) near3 (multi or multiple\$1 or plurality) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4))) with (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 16:08
S9	31	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) near3 (multi\$2carrier\$1 or multi\$2channel\$1 or multi\$2band\$1 or multi\$2tone\$1) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate))) with (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 16:24
S11	14	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) near3 (multi\$2carrier\$1 or multi\$2channel\$1 or multi\$2band\$1 or multi\$2tone\$1) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3))) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1) near3 (second or different)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 16:54

## EAST Search History

S12	71	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3))) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1) near3 (second or different or switch\$3 or select\$4 or non\$2overlap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/26 16:57
S14	46	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3))) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1) near3 (second or different or switch\$3 or select\$4 or non\$2overlap\$4 or hop\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @riad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 09:38
S15	360	ofdm near6 (overlap\$4 or non\$2overlap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 09:29
S16	17	ofdm near6 non\$2overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 09:34

## EAST Search History

S18	58	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3))) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 (second or different or switch\$3 or select\$4 or non\$2overlap\$4 or hop\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 10:38
S19	268	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3)) or retransmi\$5 or repeat\$4 or redund\$2n\$3) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 (second or different or switch\$3 or select\$4 or non\$2overlap\$4 or hop\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 11:08
S20	14	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3))) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 assign\$4 and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 11:13

## EAST Search History

S21	49	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3)) or decod\$3 or ack\$1 or nack\$1 or acknowledg\$5) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 assign\$4 and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 11:14
S22	59	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3)) or decod\$3 or ack\$1 or nack\$1 or acknowledg\$5) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 (assign\$4 or repeat\$4 or retransmi\$5) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 11:18
S23	62	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (crc or (cyclic near2 redund\$2ncy) or check\$2some or (error near2 (detect\$4 or indicat\$4 or rate or check\$3 or measur\$5 or determin\$5)) or decod\$3 or ack\$1 or nack\$1 or acknowledg\$5) same (carrier\$1 or channel\$1 or band\$1 or sub\$2carrier\$1 or sub\$2band\$1 or sub\$2channel\$1 or bin\$1 or hop\$3 or tone\$1 or bandwidth\$1 or frequenc\$3) near3 (assign\$4 or repeat\$4 or retransmi\$5 or distribut\$4 or redistribut\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/27 14:58

## EAST Search History

S26	132	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 15:22
S28	13	(uwb or ultra\$2wideband\$1 or (ultra adj wideband\$1)) and (diversity or redund\$1n\$3 or duplicat\$4 or cop\$3 or replica\$1 or identical) near3 (frequenc\$3 or channel\$1 or carrier\$1 or band\$1 or sub\$2carrier\$1 or tone\$1 or sub\$2band\$1 or sub\$2channel\$1) near3 (adjacent or non\$overlap\$4) and (@pd<"20040128" or @ad<"20040128" or @prad<"20040128" or @rlad<"20040128")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/08/01 11:37